

ABSTRACT OF THE DISCLOSURE

An infrared die oven has a die cradle for holding a die. A thermocouple is positioned within the die cradle to maintain it in direct contact with the die. A controller connected to the thermocouple continually reads the temperature of the die. When the die reaches a threshold temperature, the intensity of an infrared heating elements in the oven is reduced. When the die reaches the desired temperature, the controller continuously adjusts the intensity of the heater to maintain the die at the desired temperature.

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